

List of Acronyms

Acronym or Abbreviation	Full Phrase
ACEC	area of critical environmental concern
ACHP	Advisory Council on Historic Preservation
ADA	American with Disabilities Act
AFMSS	Automated Fluid Mineral Support System
AFY	acre – feet per year
AML ₁	appropriate management level
AML ₂	abandoned mine lands
AMP	allotment management plan
AMR	appropriate management response
AMS	analysis of the management situation
amsl	above mean sea level
ANS	aquatic nuisance species
AO	authorized officer
APLIC	Avian Protection Plan guidelines
APD	application for permit to drill
APE	area of potential effect
APHIS	Animal and Plant Health Inspection Service
APHIS-WS	Animal and Plant Health Inspection Service – Wildlife Services
AQ	air quality
AQI	air quality index
AQRV	air quality related values
AQTW	Air Quality Technical Workgroup
ARMP	Air Resource Management Plan
ARTSD	Air Resource Technical Support Document
ATV	all-terrain vehicle
AU	assessment units
AUM	animal unit month
BA	biological assessment
BACT	Best Available Control Technology
BBM	benefits based management

BCNRA	Bighorn Canyon National Recreation Area
BEA	Bureau of Economic Analysis
BIA	US Dept of the Interior – Bureau of Indian Affairs
BiFO	Billings Field Office
BLM	US Dept of the Interior – Bureau of Land Management
BMPs	best management practices
BO	biological opinion
BOR	US Dept of the Interior – Bureau of Reclamation
BPS	budget planning system
C & MU	Classification and Multiple Use Act
CAA	Clean Air Act
CAPS	crucial area planning system
CBNG	coalbed natural gas
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CO	carbon monoxide
CO ₂	carbon dioxide
COA	conditions of approval
CSP	Concentrating Solar Power
CSU	controlled surface use
CWA	Clean Water Act
CWPP	Community Wildfire Protection Plan
CWMA	Cooperative Weed Management Area
DEQ	Department of Environmental Quality (Montana)
DFC	Desired Future Condition
DNA	Documentation of Land Use Plan Conformance and National NEPA Adequacy
DNRC	Department of Natural Resources and Conservation
DOI	Department of the Interior
DR	decision record
EA	environmental assessment
EIS	environmental impact statement

EO	Executive Order
EPA	US Environmental Protection Agency
EPCA	Energy Policy and Conservation Act Amendments of 2000
ERMA	extensive recreation management area
ES	executive summary
ESA	Endangered Species Act of 1973
ESR	emergency stabilization and rehabilitation
EVT	existing vegetation type
° F	degrees Fahrenheit
FAR	functioning at risk
FAR-D	functioning at risk downward trend
FAR-NA	functioning at risk not apparent trend
FAR-NF	functioning at risk not functioning
FAR-U	functioning at risk upward trend
FERC	Federal Energy Regulatory Commission
FEIS	Final Environmental Impact Statement
FLPMA	Federal Land Policy and Management Act
FLTFA	Federal Land Transaction Facilitation Act
FMP	fire management plan
FMU	fire management unit
FMUD	final multiple use decision
FO	field office
FOFEM	first order fire effects model
FOIA	Freedom of Information Act
FPA	Federal Power Act
FPA	fire program analysis
FPPA	Farmland Policy Protection Act
FR	Federal Register
FRCC	fire regime condition class
FWFMP	Federal Wildland Fire Management Policy
FWP	Montana Fish, Wildlife, and Parks
FY	fiscal year
GAO	Government Accountability Office

GAWS	general aquatic wildlife survey
GHA	general habitat area
GHG	greenhouse gas
GIS	geographical information system
GPS	global positioning system
HA	herd area
HAP	hazardous air pollution
HCP	habitat conservation plan
HFA	Healthy Forest Initiative
HFRA	Healthy Forest Restoration Act
HMA	herd management area
HMAP	herd management area plan
HMP	habitat management plan
HUA	herd use area
HVH	high value habitat
I -	Interstate
IB	information bulletin
IBA	important bird area
IBLA	Interior Board of Land Appeals
IDT	interdisciplinary team
IM	instruction memorandum
IMP	interim management policy
IPCC	Intergovernmental Panel on Climate Change
IPM	Integrated Pest Management
IR	Indian Reservation
ISA	instant study area
ITA	Indian Trust Assets
ITRR	Institute for Tourism and Recreation Research, University of Montana
IWM	integrated weed management
LAC	limits of acceptable change
LANDFIRE	Landscape Fire and Resource Management Planning Tools

	Project
LBA	lease by application
LCNHT / L&CNHT	Lewis and Clark National Historic Trail
LHA	land health assessment
LN	lease notice
LS	lease stipulation
LTA	land tenure adjustment
LUP	land use plan
LWC	Lands with Wilderness Characteristics
MAAQs	Montana Ambient Air Quality Standards
MACT	maximum available control technology
mbf	thousand board feet
mcf	thousand cubic feet
MBTA	Migratory Bird Treaty Act
MDEQ	Montana Department of Environmental Quality
MEI	maximally exposed individual
MFISH	Montana Fish Information System
MIST	minimum impact suppression tactics
MLE	most likely exposure
MLP	Master Leasing Plan
MLRA	Major Land Resource Area
mmbf	million board feet
mmcf	million cubic feet
MOA	memorandum of agreement
MOU	memorandum of understanding
MNHP	Montana Natural Heritage Program
MSIP	Montana State Implementation Plan
MT	Montana
MTFWP	Montana Fish, Wildlife, and Parks
mtpy	metric tons per year
NAAQS	National Ambient Air Quality Standards
NAICS	North American Industry Classification System
NCDC	National Climatic Data Center

NDVI	Normalized Difference Vegetation Index
NEI	National Emission Inventory
NEPA	National Environmental Policy Act of 1969
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NF	non functional
NFP	National Fire Plan of 2000
NGO	non-government organization
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NHT	National Historic Trail
NISMS	National Invasive Species Information Management System
NLCS	National Landscape Conservation System
NM	National Monument
NMFS	National Marine Fisheries Service
NNL	National Natural Landmark
NOA	Notice of Availability
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NO _x	mono-nitrogen oxides NO and NO ₂
NPNHT	Nez Perce National Historic Trail
NPS	National Park Service
nps	nonpoint source
NRCS	U.S. Dept. of Agriculture, Natural Resources Conservation Service
NREL	U.S. DOE National Renewable Energy Laboratory
NRHP	National Register of Historic Places
NRS	natural resource specialist
NSR	new source review
NSPS	new source performance standards
NSO	no surface occupancy
NWR	National Wildlife Refuge
NWReGAP	Northwest Regional Gap Analysis Project
NWSRS	National Wild and Scenic River System

O ₃	ozone
O&G	oil and gas
OHV	off-highway vehicle
OHV EIS	Off-Highway Vehicle Environmental Impact Statement
ORP	Outdoor Recreation Planner
ORV	outstanding remarkable value
Pb	lead
PDM	Pre-Disaster Mitigation Plan
PE	chemical and biological control
PEIS	preliminary environmental impact statement
PFC	proper functioning condition
PFYC	potential fossil yield classification
PGM	photochemical grid modeling
PILT	payment in lieu of taxes
PL	public law
PLO	public land office
PM	particulate matter
PM _{2.5}	particulate matter smaller than 2.5 microns in diameter
PM ₁₀	particulate matter smaller than 10 microns in diameter
PMU	population management unit
PMWHR	Pryor Mountain Wild Horse Range
ppm	part per million
PPMN	Pompeys Pillar National Monument
PRPA	Paleontological Resources Protection Act
PPA	protection priority area (sage grouse)
PS	public health and safety
PSD	prevention of significant deterioration
PSQ	probable sale quantity
PV	photovoltaics
R & PP	Recreation and Public Purposes Act
RAC	Resource Advisory Council
RAMS	risk assessment and mitigation strategy
REIS	Regional Economic Information System

RELs	Reference Exposure Levels
RfCs	Reference Concentrations
RFD	reasonably foreseeable development
RFDS	reasonably foreseeable development scenario
RIP	range improvement project
RMIS	recreation management information system
RMP	Resource Management Plan
RMS	rangeland management specialist
RMZ	recreation management zone
RNA	research natural area
ROD	record of decision
ROI	region of influence
ROS	recreation opportunity spectrum
ROW	right-of-way
RA	restoration area (sage grouse)
RPS	Rangeland Program Summary Record of Decision (ROD)
SASEM	Simple Approach Smoke Estimation Model
SHPO	State Historic Preservation Office
S & G	Standards and Guides
SIP	State Implementation Plan
SLT	standard lease term
SO ₂	sulphur dioxide
SOC	species of concern
SOP	standard operating procedure
SMRA	special recreation management area
SMZ	stream management zone
SPE	Signal Peak Energy
SRP	special recreation permit
SSP	special status plants
SSS	special status species
T & E	threatened and endangered
TC	tribal consultation
TCP	traditional cultural property

TDS	total dissolved solids
TL	timing limitation
TM	transportation and travel management
TMA	travel management area
TMDL	total maximum daily load
TNEB	thriving natural ecological balance
TNR	temporary nonrenewable
TPS	Total Petroleum Systems
tpy	short tons per year
TSP	total suspended particles
TSS	total suspended solids
UFAS	Uniform Federal Accessibility Standards
URF	Unit Risk Factors
US	United States
USACE	United States Army Corps of Engineers
USC	United States Code
USDI	United States Department of the Interior
USEPA	United States Environmental Protection Agency
USFS	US Dept of Agriculture, Forest Service
USFWS	US Dept of the Interior, Fish and Wildlife Service
USGS	US Dept of the Interior, Geological Service
VF	vegetation forest and woodland products
VOCs	volatile organic compounds
VRI	visual resource inventory
VRM	visual resource management
WA	wilderness area
WAAQS	Wyoming Ambient Air Quality Standards
WDEQ	Wyoming Department of Environmental Quality
WDM	wildlife damage assessment
WEG	Wind Erodibility Group
WFDSS	Wildland Fire Decision Support System
WFIP	wildland fire implementation plan

WFM	wildland fire ecology management
WFSA	wildland fire situation analysis
WHB	wild horses and burros
WMA	wildlife management area
WMPP	Wildlife Monitoring and Protection Plan
WSA	wilderness study area
WSR	wild and scenic river
WUI	wildland urban interface
WWCC	Western Wyoming Community College
YCT	Yellowstone cutthroat trout